

3. PCA Engineering Inc. tank fill-pipe test logs.

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PCA ENGINEERING, INC.

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ENGINEERING • CORROSION CONTROL • TESTING • MATERIALS • DIVING • ENVIRONMENTAL SERVICES

January 20, 1987

ERT

696 Virginia Road Concord, MA 07142

Att: Mr. J. Lawson, P.G.

Re:

Pipeline Tightness Test

Unifirst Corp.

Woburn, Massachusetts

PCA Job No. 1718

Dear Sir:

Please find the attached data sheet containing the results of the pipeline tightness test performed on January 13, 1987 at Unifirst Corporation in Woburn, Massachusetts.

The 2-inch steel pipe under test had been used as a fill line for a recently removed storage tank that had been located inside the warehouse. The remaining section of this line is approximately 2 feet long running through the building foundation. At the time of the survey, the ends were found plugged with concrete.

The concrete plugs were removed and each end capped. The line was filled with water and pressurized. Gauging connected through one of the caps allowed for continuous monitoring of the hydrostatic pressure developed in the pipe. The data enclosed lists the pressure measurements recorded during the test.

The results show this section of piping is tight.

If you have any questions or require additional information, please do not hesitate to contact us.

Very truly yours,

PCA ENGINEERING, INC.

Bertran J. Philips

BERTRAM J. PHILLIPS

BJP:Jaz

Enclosure

DATA CHART For Use With

		1 LOCATION: 13-OLYMPIA ROAD WOBURN MA								MA
•• • • • • • • • • • • • • • • • • • •	OWNER			Sweet Me. and/or Corner			City			State Telephone Ma.
Ž	ð	2	OWNER	. UNIFIRST CORPORATION		DLYMPIA	ROAD, WOB	URN, MA		Position Telephone No.
		١,	OPERAT	SAME AS ABOVE						Tongonia in
				Name INVESTIGATE	COUDCE	Dester, Mgr. o			If different then Locati	gen) Yeloghama Na.
		1 •	REASON	FOR TEST INVESTIGATE	SOURCE	OF SUIL	CONTAMIN	ATTON		
တ										
ETT	, o			JEFF LAWSON		SENIOR	ENGINEER		696	VIRGINIA ROAD, CONCORD, MA
MASSACHUSETTS Biete WOBURN	Biete	•	Name Position Order No. Other No. Other No.							
SAC	3		SPECIAL	INSTRUCTIONS: TEST FILL I	LINE (TANK WA	S REMOVED)		
4AS		7		ACTOR OR COMPANY MAKING TEST	PCA ENG	GINEERIN	G, INC.	DREW L	AWRENCE	
	m 8.	•	IS A	TANK TEST TO BE		MAKE AND T				
87	DATE OF		MADE 1	WITH THIS LINE TEST? X NO	, '	PUMP OR DIS	SPENSERS	NONE		
¥ 4	۵۵	10	WEATH	PARTLY CLOUDY TEMPE	RATURE IN TA	wks	r r	COVER OVER LINES		BURIAL DEPTH
11 IDENTIFY	T	•			14 PRESSURE 15 VOL			15 VOLUME		Black Top, etc. 16 TEST RESULTS
EACH LINE AS TESTED	12 TIME (MILITARY)			13 LOG OF TEST PROCEDURES, AMBIENT TEMPERATURE, WEATHER, ETC.	pei OR kPa			READING	NET	
					BEFORE	AFTER	BEFORE	AFTER	CHANGE	CONCLUSIONS, REPAIRS AND COMMENTS
FILL LINE	1	100)	STARTED LINE TEST		20	-			
	1	1115			20	20	.077	.077	10	±0 CALLON/HOUR
	1-		<u> </u>		1 20	20	.077	.077	+0	+0 GALLON/HOUR LINE TESTED 2" FILL, APPROX. 24" IN LENGTH
	1	130)	·	20	20	.077	.077	+0	
	. 1	145	,		20	20	.077	.077	+0	
	1	200								
	f'	200	'		20	20	.077	.077	+0	
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